

Table ENG-3. - Building Site Development

Frederick County, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1B: Berks	85	Not limited		Somewhat limited Depth to soft bedrock	0.50	Somewhat limited Slope	0.13
1C: Berks	85	Somewhat limited Slope	0.37	Somewhat limited Depth to soft bedrock Slope	0.50 0.37	Very limited Slope	1.00
2: Birdsboro	85	Very limited Flooding	1.00	Very limited Flooding Depth to saturated zone	1.00 0.61	Very limited Flooding	1.00
3B: Blairton	75	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone Depth to soft bedrock	1.00 0.06	Very limited Depth to saturated zone Slope	1.00 0.13
3C: Blairton	75	Very limited Depth to saturated zone Slope	1.00 0.37	Very limited Depth to saturated zone Slope Depth to soft bedrock	1.00 0.37 0.06	Very limited Slope Depth to saturated zone	1.00 1.00
4B: Buchanan	80	Somewhat limited Depth to saturated zone Depth to thick cemented pan	0.81 0.80	Very limited Depth to thick cemented pan Depth to saturated zone	1.00 1.00	Somewhat limited Depth to saturated zone Depth to thick cemented pan Slope	0.81 0.80 0.13
4C: Buchanan	80	Somewhat limited Depth to saturated zone Depth to thick cemented pan Slope	0.81 0.80 0.37	Very limited Depth to thick cemented pan Depth to saturated zone Slope	1.00 1.00 0.37	Very limited Slope Depth to saturated zone Depth to thick cemented pan	1.00 0.81 0.80
5B:							

Table ENG-3. - Building Site Development - Continued

Frederick County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
5B:							
Carbo	85	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
		Depth to hard bedrock	0.79	Depth to hard bedrock	1.00	Depth to hard bedrock	0.79
						Slope	0.13
5C:							
Carbo	85	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
		Depth to hard bedrock	0.79	Depth to hard bedrock	1.00	Slope	1.00
		Slope	0.37	Slope	0.37	Depth to hard bedrock	0.79
6C:							
Carbo	50	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
		Depth to hard bedrock	0.79	Depth to hard bedrock	1.00	Slope	1.00
		Slope	0.16	Slope	0.16	Depth to hard bedrock	0.79
Oaklet	45	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
		Slope	0.04	Slope	0.04	Slope	1.00
Rock outcrop	3	Not Rated		Not Rated		Not Rated	
7C:							
Carbo	35	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
		Depth to hard bedrock	0.79	Depth to hard bedrock	1.00	Slope	1.00
		Slope	0.16	Slope	0.16	Depth to hard bedrock	0.79
Oaklet	30	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
		Slope	0.04	Slope	0.04	Slope	1.00
Rock outcrop	25	Not Rated		Not Rated		Not Rated	
8B:							
Chilhowie	80	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
		Depth to hard bedrock	0.71	Depth to hard bedrock	1.00	Depth to hard bedrock	0.71
						Slope	0.13
8C:							
Chilhowie	75	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
		Depth to hard bedrock	0.71	Depth to hard bedrock	1.00	Slope	1.00
		Slope	0.37	Slope	0.37	Depth to hard bedrock	0.71
9B:							

Table ENG-3. - Building Site Development - Continued

Frederick County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
9B:							
Clearbrook	80	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Depth to soft bedrock	0.71	Shrink-swell	0.50
		Content of large stones	0.20	Shrink-swell	0.50	Content of large stones	0.20
9C:							
Clearbrook	75	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Depth to soft bedrock	0.71	Slope	1.00
		Slope	0.37	Shrink-swell	0.50	Shrink-swell	0.50
10:							
Craigsville	85	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Content of large stones	0.57	Content of large stones	0.57	Content of large stones	0.57
11C:							
Dekalb	80	Somewhat limited		Very limited		Very limited	
		Slope	0.37	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.10	Slope	0.37	Depth to hard bedrock	0.10
12E:							
Dekalb	80	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to hard bedrock	0.10	Depth to hard bedrock	1.00	Depth to hard bedrock	0.10
13B:							
Frankstown	75	Somewhat limited		Somewhat limited		Somewhat limited	
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
						Slope	0.13
13C:							
Frankstown	75	Somewhat limited		Somewhat limited		Very limited	
		Shrink-swell	0.50	Shrink-swell	0.50	Slope	1.00
		Slope	0.37	Slope	0.37	Shrink-swell	0.50
13D:							
Frankstown	70	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
13E:							
Frankstown	70	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50

Table ENG-3. - Building Site Development - Continued

Frederick County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
14B:							
Frederick	45	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00	Very limited Shrink-swell Slope	1.00 0.13
Poplimento	40	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00	Very limited Shrink-swell Slope	1.00 0.13
14C:							
Frederick	45	Very limited Shrink-swell Slope	1.00 0.37	Very limited Shrink-swell Slope	1.00 0.37	Very limited Shrink-swell Slope	1.00 1.00
Poplimento	40	Very limited Shrink-swell Slope	1.00 0.37	Very limited Shrink-swell Slope	1.00 0.37	Very limited Shrink-swell Slope	1.00 1.00
14D:							
Frederick	50	Very limited Slope Shrink-swell	1.00 1.00	Very limited Slope Shrink-swell	1.00 1.00	Very limited Slope Shrink-swell	1.00 1.00
Poplimento	45	Very limited Slope Shrink-swell	1.00 1.00	Very limited Slope Shrink-swell	1.00 1.00	Very limited Slope Shrink-swell	1.00 1.00
15C:							
Frederick	55	Very limited Shrink-swell Slope	1.00 0.37	Very limited Shrink-swell Slope	1.00 0.37	Very limited Shrink-swell Slope	1.00 1.00
Poplimento	30	Very limited Shrink-swell Slope	1.00 0.37	Very limited Shrink-swell Slope	1.00 0.37	Very limited Shrink-swell Slope	1.00 1.00
15D:							
Frederick	60	Very limited Slope Shrink-swell	1.00 1.00	Very limited Slope Shrink-swell	1.00 1.00	Very limited Slope Shrink-swell	1.00 1.00
Poplimento	30	Very limited Slope Shrink-swell	1.00 1.00	Very limited Slope Shrink-swell	1.00 1.00	Very limited Slope Shrink-swell	1.00 1.00
15E:							
Frederick	60	Very limited Slope Shrink-swell	1.00 1.00	Very limited Slope Shrink-swell	1.00 1.00	Very limited Slope Shrink-swell	1.00 1.00

Table ENG-3. - Building Site Development - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
15E:							
Poplimento	30	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
16B:							
Frederick	40	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
						Slope	0.13
Poplimento	35	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
						Slope	0.13
Rock outcrop	3	Not Rated		Not Rated		Not Rated	
16C:							
Frederick	45	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
		Slope	0.37	Slope	0.37	Slope	1.00
Poplimento	35	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
		Slope	0.37	Slope	0.37	Slope	1.00
Rock outcrop	3	Not Rated		Not Rated		Not Rated	
16D:							
Frederick	45	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
Poplimento	40	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
Rock outcrop	3	Not Rated		Not Rated		Not Rated	
17C:							
Frederick	30	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
		Slope	0.04	Slope	0.04	Slope	1.00
Poplimento	25	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
		Slope	0.04	Slope	0.04	Slope	1.00
Rock outcrop	25	Not Rated		Not Rated		Not Rated	

17E:

Table ENG-3. - Building Site Development - Continued

Frederick County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
17E:							
Frederick	30	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
Poplimento	25	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
Rock outcrop	25	Not Rated		Not Rated		Not Rated	
18B:							
Gainesboro	45	Somewhat limited		Very limited		Somewhat limited	
		Depth to hard bedrock	0.29	Depth to hard bedrock	1.00	Depth to hard bedrock	0.29
						Slope	0.13
Lehew	30	Somewhat limited		Very limited		Somewhat limited	
		Content of large stones	0.53	Depth to hard bedrock	1.00	Content of large stones	0.53
				Content of large stones	0.53		
		Depth to hard bedrock	0.10			Slope	0.13
						Depth to hard bedrock	0.10
18C:							
Gainesboro	40	Somewhat limited		Very limited		Very limited	
		Slope	0.37	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.29	Slope	0.37	Depth to hard bedrock	0.29
Lehew	35	Somewhat limited		Very limited		Very limited	
		Content of large stones	0.53	Depth to hard bedrock	1.00	Slope	1.00
				Content of large stones	0.53	Content of large stones	0.53
		Slope	0.37	stones		stones	
		Depth to hard bedrock	0.10	Slope	0.37	Depth to hard bedrock	0.10
18D:							
Gainesboro	40	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to hard bedrock	0.29	Depth to hard bedrock	1.00	Depth to hard bedrock	0.29
Lehew	40	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Content of large stones	0.53	Depth to hard bedrock	1.00	Content of large stones	0.53
				Content of large stones	0.53		
		Depth to hard bedrock	0.10			Depth to hard bedrock	0.10
18E:							
Gainesboro	45	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to hard bedrock	0.29	Depth to hard bedrock	1.00	Depth to hard bedrock	0.29

Table ENG-3. - Building Site Development - Continued

Frederick County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
18E:							
Lehew	40	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Content of large stones	0.53	Depth to hard bedrock	1.00	Content of large stones	0.53
		Depth to hard bedrock	0.10	Content of large stones	0.53	Depth to hard bedrock	0.10
19C:							
Gilpin	75	Somewhat limited		Somewhat limited		Very limited	
		Slope	0.37	Slope	0.37	Slope	1.00
				Depth to soft bedrock	0.03		
20B:							
Guernsey	85	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
				Depth to saturated zone	0.99	Slope	0.13
20C:							
Guernsey	85	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
		Slope	0.37	Depth to saturated zone	0.99	Slope	1.00
				Slope	0.37		
21C:							
Hayter	75	Somewhat limited		Somewhat limited		Very limited	
		Shrink-swell	0.50	Shrink-swell	0.50	Slope	1.00
		Slope	0.37	Slope	0.37	Shrink-swell	0.50
		Content of large stones	0.31	Content of large stones	0.31	Content of large stones	0.31
21D:							
Hayter	80	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
		Content of large stones	0.31	Content of large stones	0.31	Content of large stones	0.31
22C:							
Hayter	75	Somewhat limited		Somewhat limited		Very limited	
		Content of large stones	0.73	Content of large stones	0.73	Slope	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Content of large stones	0.73
		Slope	0.37	Slope	0.37	Shrink-swell	0.50
22D:							

Table ENG-3. - Building Site Development - Continued

Frederick County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
22D:							
Hayter	75	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Content of large stones	0.73	Content of large stones	0.73	Content of large stones	0.73
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
22E:							
Hayter	75	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Content of large stones	0.73	Content of large stones	0.73	Content of large stones	0.73
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
23C:							
Hazleton	75	Somewhat limited		Somewhat limited		Very limited	
		Slope	0.37	Slope	0.37	Slope	1.00
23D:							
Hazleton	75	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
23E:							
Hazleton	75	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
24E:							
Hazleton	75	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
25C:							
Laidig	75	Somewhat limited		Very limited		Very limited	
		Slope	0.37	Depth to thick cemented pan	1.00	Slope	1.00
		Depth to thick cemented pan	0.06	Depth to saturated zone	0.90	Depth to thick cemented pan	0.06
				Slope	0.37		
25D:							
Laidig	75	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to thick cemented pan	0.06	Depth to thick cemented pan	1.00	Depth to thick cemented pan	0.06
				Depth to saturated zone	0.90		
25E:							

Table ENG-3. - Building Site Development - Continued

Frederick County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
25E:							
Laidig	75	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to thick cemented pan	0.06	Depth to thick cemented pan	1.00	Depth to thick cemented pan	0.06
				Depth to saturated zone	0.90		
26C:							
Lehew	90	Somewhat limited		Very limited		Very limited	
		Content of large stones	0.53	Depth to hard bedrock	1.00	Slope	1.00
		Slope	0.37	Content of large stones	0.53	Content of large stones	0.53
		Depth to hard bedrock	0.10	Slope	0.37	Depth to hard bedrock	0.10
26D:							
Lehew	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Content of large stones	0.53	Depth to hard bedrock	1.00	Content of large stones	0.53
		Depth to hard bedrock	0.10	Content of large stones	0.53	Depth to hard bedrock	0.10
26E:							
Lehew	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Content of large stones	0.53	Depth to hard bedrock	1.00	Content of large stones	0.53
		Depth to hard bedrock	0.10	Content of large stones	0.53	Depth to hard bedrock	0.10
27:							
Library	90	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Depth to saturated zone	1.00	Shrink-swell	1.00
		Depth to saturated zone	1.00	Shrink-swell	1.00	Depth to saturated zone	1.00
		Ponding	1.00	Ponding	1.00	Ponding	1.00
28:							
Lobdell	85	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
				Depth to saturated zone	0.99		
29:							
Massanetta	90	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
				Depth to saturated zone	0.99		
30B:							

Table ENG-3. - Building Site Development - Continued

Frederick County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
30B:							
Monongahela	85	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.07	Depth to saturated zone	1.00	Slope	0.13
				Depth to thin cemented pan	1.00	Depth to saturated zone	0.07
				Depth to hard bedrock	0.93		
31B:							
Nicholson	85	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.39	Depth to saturated zone	1.00	Depth to saturated zone	0.39
				Depth to thin cemented pan	0.95	Slope	0.13
32B:							
Oaklet	85	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
						Slope	0.13
32C:							
Oaklet	75	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
		Slope	0.37	Slope	0.37	Slope	1.00
33C:							
Opequon	50	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Shrink-swell	1.00	Depth to hard bedrock	1.00
		Shrink-swell	1.00	Depth to hard bedrock	1.00	Shrink-swell	1.00
		Slope	0.04	Slope	0.04	Slope	1.00
Chilhowie	40	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
		Depth to hard bedrock	0.71	Depth to hard bedrock	1.00	Slope	1.00
		Slope	0.04	Slope	0.04	Depth to hard bedrock	0.71
Rock outcrop	3	Not Rated		Not Rated		Not Rated	
33E:							
Opequon	50	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to hard bedrock	1.00	Shrink-swell	1.00	Depth to hard bedrock	1.00
		Shrink-swell	1.00	Depth to hard bedrock	1.00	Shrink-swell	1.00
Chilhowie	40	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
		Depth to hard bedrock	0.71	Depth to hard bedrock	1.00	Depth to hard bedrock	0.71
Rock outcrop	3	Not Rated		Not Rated		Not Rated	

34:

Table ENG-3. - Building Site Development - Continued

Frederick County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
34: Pagebrook	85	Very limited Flooding Shrink-swell	1.00 1.00	Very limited Flooding Shrink-swell Depth to saturated zone	1.00 1.00 0.95	Very limited Flooding Shrink-swell	1.00 1.00
35: Pagebrook	95	Very limited Flooding Shrink-swell	1.00 1.00	Very limited Flooding Shrink-swell Depth to saturated zone	1.00 1.00 0.95	Very limited Flooding Shrink-swell	1.00 1.00
36: Pits	100	Not Rated		Not Rated		Not Rated	
37D: Schaffenaker	90	Very limited Slope Depth to hard bedrock	1.00 0.29	Very limited Depth to hard bedrock Slope	1.00 1.00	Very limited Slope Depth to hard bedrock	1.00 0.29
37E: Schaffenaker	90	Very limited Slope Depth to hard bedrock	1.00 0.29	Very limited Slope Depth to hard bedrock	1.00 1.00	Very limited Slope Depth to hard bedrock	1.00 0.29
38B: Sequoia	80	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Depth to soft bedrock	0.50 0.01	Somewhat limited Shrink-swell Slope	0.50 0.13
38C: Sequoia	75	Somewhat limited Shrink-swell Slope	0.50 0.37	Somewhat limited Shrink-swell Slope Depth to soft bedrock	0.50 0.37 0.01	Very limited Slope Shrink-swell	1.00 0.50
38D: Sequoia	75	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell Depth to soft bedrock	1.00 0.50 0.01	Very limited Slope Shrink-swell	1.00 0.50
39B: Swimley	90	Not limited		Not limited		Somewhat limited Slope	0.13
39C:							

Table ENG-3. - Building Site Development - Continued

Frederick County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
39C: Swimley	90	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
40B: Timberville	80	Very limited Flooding	1.00	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Slope	1.00 0.13
41B: Weikert	50	Very limited Depth to hard bedrock	1.00	Very limited Depth to hard bedrock	1.00	Very limited Depth to hard bedrock Slope	1.00 0.13
Berks	40	Not limited		Somewhat limited Depth to soft bedrock	0.50	Somewhat limited Slope	0.13
41C: Weikert	50	Very limited Depth to hard bedrock Slope	1.00 0.37	Very limited Depth to hard bedrock Slope	1.00 0.37	Very limited Depth to hard bedrock Slope	1.00 1.00
Berks	40	Somewhat limited Slope	0.37	Somewhat limited Depth to soft bedrock Slope	0.50 0.37	Very limited Slope	1.00
41D: Weikert	55	Very limited Slope Depth to hard bedrock	1.00 1.00	Very limited Slope Depth to hard bedrock	1.00 1.00	Very limited Slope Depth to hard bedrock	1.00 1.00
Berks	35	Very limited Slope	1.00	Very limited Slope Depth to soft bedrock	1.00 0.50	Very limited Slope	1.00
41E: Weikert	60	Very limited Slope Depth to hard bedrock	1.00 1.00	Very limited Slope Depth to hard bedrock	1.00 1.00	Very limited Slope Depth to hard bedrock	1.00 1.00
Berks	30	Very limited Slope	1.00	Very limited Slope Depth to soft bedrock	1.00 0.50	Very limited Slope	1.00
42C: Weikert	50	Very limited Depth to hard bedrock Slope	1.00 0.37	Very limited Depth to hard bedrock Slope	1.00 0.37	Very limited Depth to hard bedrock Slope	1.00 1.00

Table ENG-3. - Building Site Development - Continued

Frederick County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
42C: Berks	40	Somewhat limited Slope	0.37	Somewhat limited Depth to soft bedrock Slope	0.50 0.37	Very limited Slope	1.00
42D: Weikert	55	Very limited Slope Depth to hard bedrock	1.00 1.00	Very limited Slope Depth to hard bedrock	1.00 1.00	Very limited Slope Depth to hard bedrock	1.00 1.00
Berks	35	Very limited Slope	1.00	Very limited Slope Depth to soft bedrock	1.00 0.50	Very limited Slope	1.00
42E: Weikert	60	Very limited Slope Depth to hard bedrock	1.00 1.00	Very limited Slope Depth to hard bedrock	1.00 1.00	Very limited Slope Depth to hard bedrock	1.00 1.00
Berks	30	Very limited Slope	1.00	Very limited Slope Depth to soft bedrock	1.00 0.50	Very limited Slope	1.00
43: Wheeling	80	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
44B: Zoar	75	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.39	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Somewhat limited Shrink-swell Depth to saturated zone Slope	0.50 0.39 0.13
44C: Zoar	75	Somewhat limited Shrink-swell Depth to saturated zone Slope	0.50 0.39 0.37	Very limited Depth to saturated zone Shrink-swell Slope	1.00 0.50 0.37	Very limited Slope Shrink-swell Depth to saturated zone	1.00 0.50 0.39
DAM: Dam	100	Not Rated		Not Rated		Not Rated	
W: Water	100	Not Rated		Not Rated		Not Rated	